

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-095201

(43)Date of publication of application : 06.04.2001

(51)Int.Cl.

H02K 5/22

H02K 3/50

(21)Application number : 11-270035

(71)Applicant : TOYODA MACH WORKS LTD

(22)Date of filing : 24.09.1999

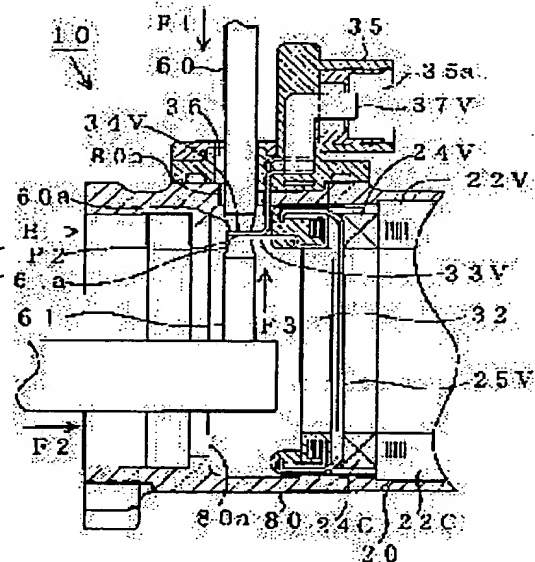
(72)Inventor : YAMAGUCHI SHIGETOSHI

(54) CONNECTING METHOD FOR MOTOR

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a connecting method for motor, by which the efficiency of work for electrically connecting armature windings to connectors, etc., provided outside a motor housing and the reliability of connection can be enhanced.

SOLUTION: In a tube housing 80, constituting a steering mechanism 10, a brushless DC motor 20 is set up. An end section 24V of a V-phase armature winding is connected to an end section 24C of a C-phase armature winding 24C via a bus bar 25V, which is integrally modularized with a bus bar module 32 and connected to a modularized first terminal bar 33V. With a connector module 35 attached to the external surface of the tube housing 80, a second terminal bar 34V, which comes into contact with the first terminal bar 33V, is modularized integrally. A spot P1 to be welded is fusion-welded, by inserting a first electrode 60 from the window 36 and hole 80b of the tube housing 80 and a second electrode 61 from the opened end section 80a of the housing 80.



LEGAL STATUS

[Date of request for examination]

26.03.2003

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]